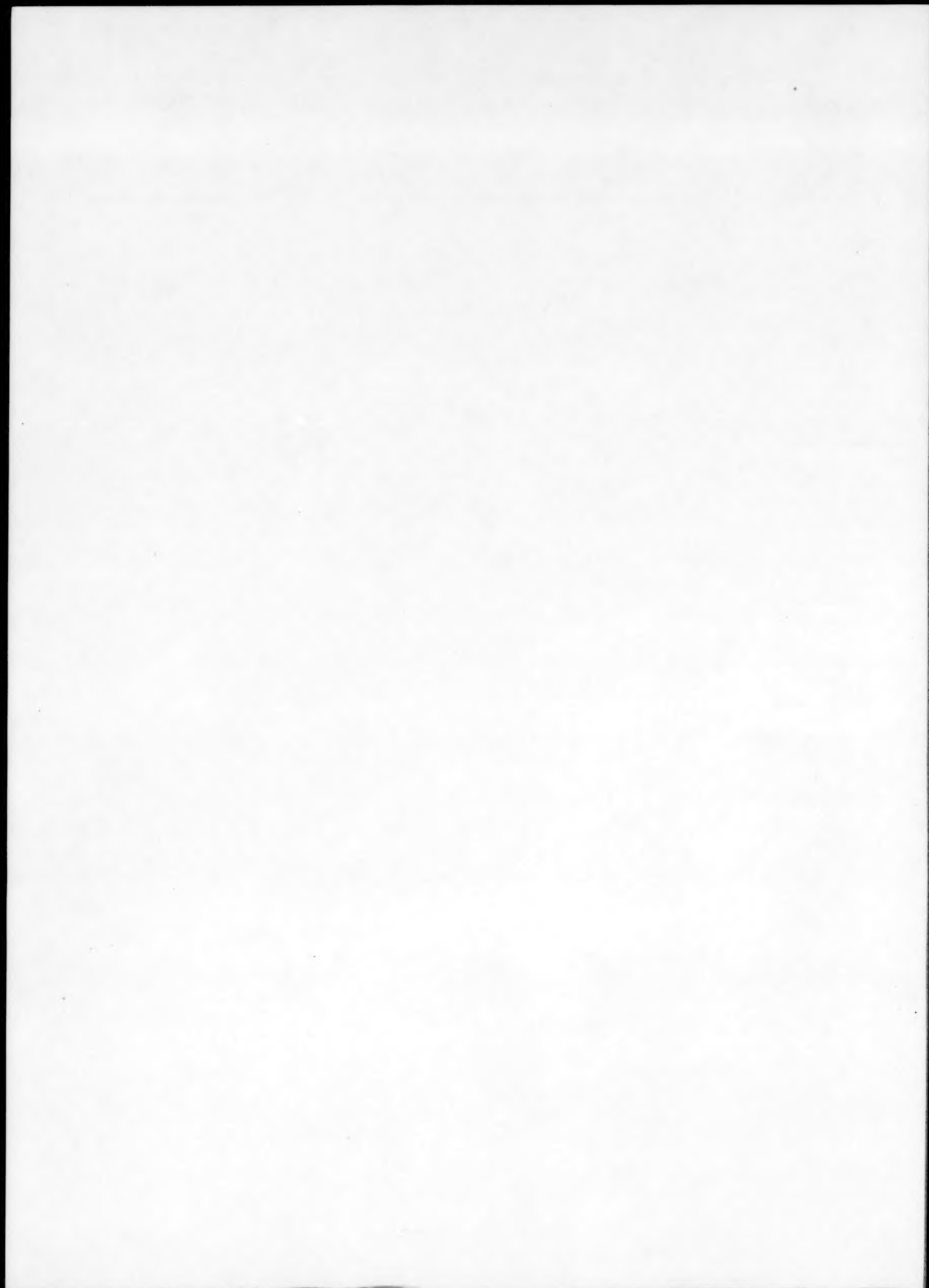




Author Index

- Advincula, R.C., 39
Akhter, M.S., 95
Alawi, S.M., 95
AL-Sagheer, F.A., 193
Aswal, V.K., 85
- Baba, A., 39
Bahadur, P., 85
Binkowski, S., 73
Bos, R., 231
Bowen, W.R., 205
Brack, N., 117
Burcu Gürdere, M., 101
Busscher, H.J., 231
- Chang, C.-H., 171
Charmas, B., 159
Chronakis, I.S., 181
- Dukhin, A.S., 127
Dumazet-Bonnamour, I., 61
- Erdem-Şenatalar, A., 51
- Filonanko, Y., 117
- Galatanu, A.N., 181
Goetz, P.J., 127
Goyal, P.S., 85
Gun'ko, V.M., 159
- Huang, C.-W., 171
- Jain, N.J., 85
Jesionowski, T., 73
- Kaneko, F., 39
Krysztalkiewicz, A., 73
- Leboda, R., 159
Lee, Y.-K., 109
Le Perchec, P., 61
Liesegang, J., 117
Li, G.-Z., 219
Lindman, B., 181
Li, Y., 219
Lovitt, R.W., 205
- Mu, J.-H., 219
- Nylander, T., 181
- Parker, I.H., 117
Pigram, P., 117
- Ramsden, J.J., 237
Rhee, H.-K., 109
Rock Yoon, Y., 109
- Sadowski, Z., 211
Shen, W., 117
Sirkecioğlu, A., 51
Somasundaran, P., 127
- Taşcıoğlu, S., 101
Tatler, M., 51
Truong, Y., 117
- Villieras, F., 159
- Wines, T.H., 127
Wright, C.J., 205
- Yang, J., 231
Yuan, S.-L., 219
- Zaki, M.I., 193
Zhuravlev, L.T., 1





Subject Index

- Acoustic spectroscopy, 127
Adhesion, 205
Adsorption, 51, 181
Adsorption energy distribution, 159
Air/water interface, 181
AKD sizing, 117
Algae, 181
Algae lipids, 181
Alternate adsorption, 39
Aminosilane coupling agents, 73
Amorphous silica, 1
Aniline, 101
Aqueous media, 39
Arrays, 237
ASP flooding systems, 219
Association, 237
Atomic force microscopy, 205

BET method, 1
Block copolymers, 85

Carbon/silica gel adsorbents, 159
Cassie–Baxter equation, 117
Colloidal silica, 109
Conductivity, 95
Contact angle, 117
Critical micelle concentration, 95

Dimensionality, 237
Dispersion, 61
Dissociation, 237
Dubinin–Astakhov isotherm, 51

Electroacoustic spectroscopy, 127
Electron microscopy, 193

Filtration, 205
Foam flooding, 171
Formamide, 95
Fractal dimension, 51
Fractal dimension distribution, 159

Hematite suspension, 211
Humidity, 205

Internal silanols, 1

Iodination, 101

Magnetite, 61
Manganese oxide, 193
Mechanistic probes, 101
Mesoporous silica gel, 159
Micelle, 95
Micelles, 101
Micellization, 85

Nanoscale, 61
Natural mixed carboxylate, 219
Nitrogen adsorption, 159
Nitrogen sorptometry, 193

Orthogonal-test-design, 219

Pair distribution function, 231
Parallel plate flow chamber, 231
Particle deposition, 231
Particles, 61
Peptization, 109
Phase behavior, 219
Physico-chemical constant, 1
Physico-chemical model, 1
Pluronic, 85
Polyelectrolyte, 39
Polymer, 61
Pore size distribution, 159
Precipitated silicas, 73
Protein, 181, 237
Protein-pigments complexes, 181

QCM, 39

Reaction mechanism, 101

- Salt effect, 85
- Sauerbrey equation, 39
- Silanol and siloxane groups, 1
- Soil remediation, 171
- Solubilization, 171
- Spherical agglomeration, 211
- Spirulina platensis*, 181
- Splittable surfactant, 171
- Spore, 205
- Spore probe, 205
- Stabilization, 109
- Stagnation point flow chamber, 231
- Surface characterization, 1
- Surface energy, 117
- Surface heterogeneity, 159
- Surface modification, 73
- Surface properties, 181
- Surface tension, 95, 181
- Surface texture, 193
- Surfactant salts, 211
- Surfactant-solution flushing, 171
- Transient interfacial tension, 219
- Ultrafiltration, 109
- Ultrasound techniques, 127
- Work of adhesion, 117
- X-ray photoelectron spectroscopy, 193